10M

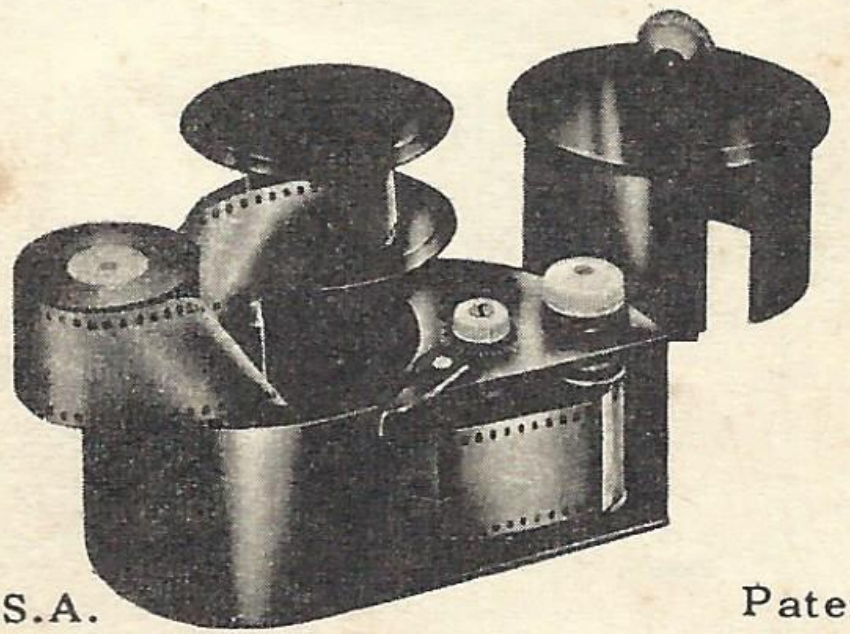
WATSON

35mm Day-Lite Film Loader

RELOADS: Eastman, Ansco, DuPont, Leica, Nikon, Contax, Exakta, Asahi, etc.

INSTRUCTIONS

READ CAREFULLY BEFORE OPERATING



Made in U.S.A. Patented

CUT YOUR 35mm FILM COST!

Reload with Bulk Film (Black & White or Color)

Manufactured by

Burke & James, Inc.,

333 W. Lake St., Chicago, Ill. 60606

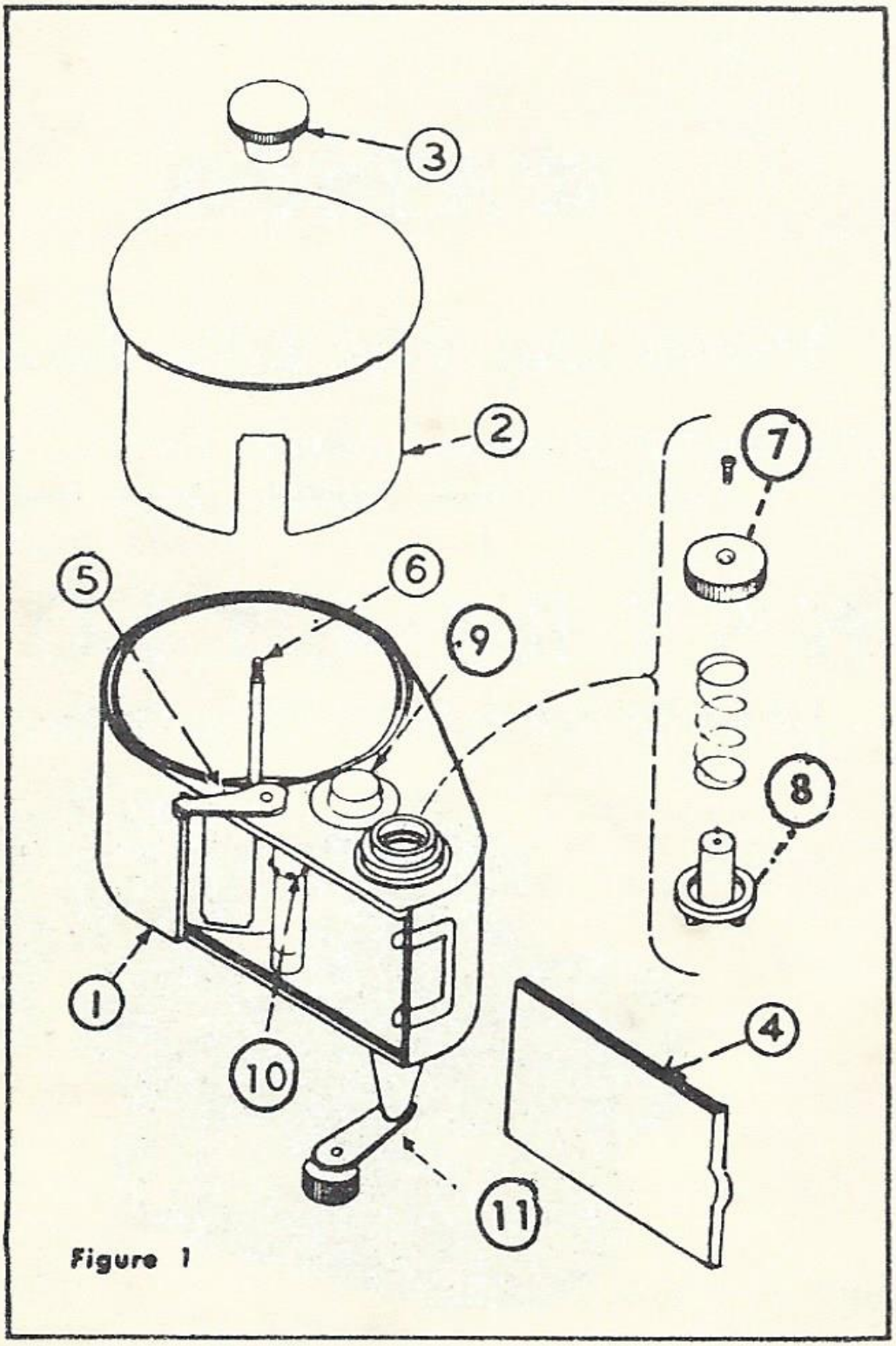


Figure 1

1. Case
2. Light Trap
3. Light Trap Knob
4. Access Door
5. Safety Interlock
6. Bulk Film Spindle
7. Bearing
8. Key Knob
9. Counting Knob
10. Sprocket
11. Winding Crank

How To Load Bulk Film Supply

1. Rotate the Light Trap (2) clockwise to its stop.
2. Move Safety Interlock (5) away from Access Door (4).
3. Remove Access Door (4) and place in pocket.
4. Unscrew Light Trap Knob (3) and put it in your pocket.

NOW GO INTO TOTAL DARKNESS WITH YOUR FILM SUPPLY AND THE LOADER (less Access Door).

1. Lift the Light Trap (2) from the Case (1).
2. Unwrap the bulk film and place it on the spindle (6) in the Case so that it unrolls anti-clockwise when viewed from the top (See Figure 2).
3. Pull about two inches of film through the rectangular opening in the Case and then replace the Light Trap in its original position. (The Safety Interlock will engage the notch in the Light Trap when this is properly done.
4. Replace the Light Trap Knob on the Supply Spindl e (6) over the Light Trap.

NOW YOU MAY TURN ON YOUR LIGHTS

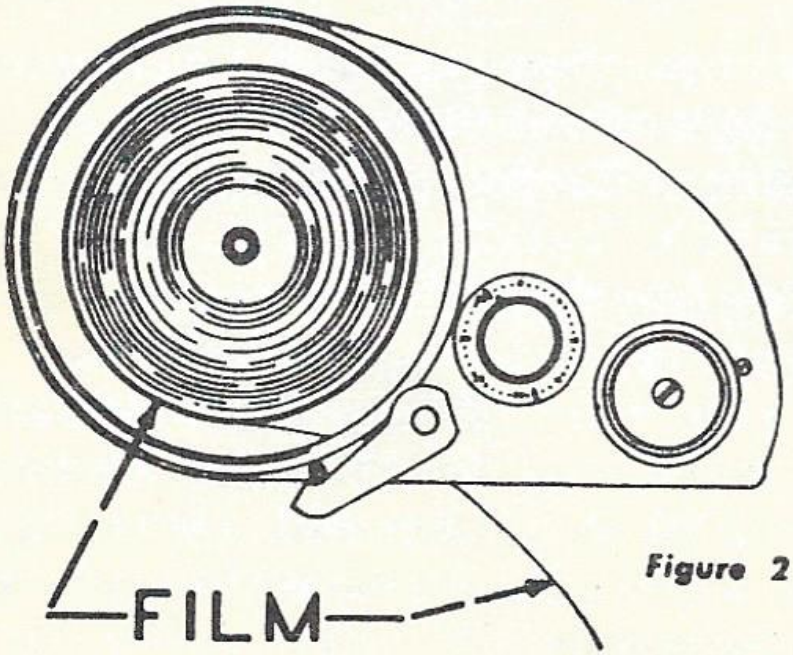


Figure 2

HOW TO RELOAD CARTRIDGES AND CASSETTES IN DAYLIGHT

NOTE: You should carefully inspect the film spools. Each maker uses a different method of fastening the film to the spool. Try to refasten your film ends the same way.

Loading standard and special (Leica and Contax) spools is similar in all cases except that the Leica and Contax Cassettes must be closed mechanically when you have finished loading them.

1. Attach the film to the spool so that the keyed end of the spool is at the bottom.

2. Assemble the cover over the spool, then pull out the Bearing and Key, and drop the cartridge into the right

end of the Case. Release the Bearing and Key and the spool will be held in place.

3. Replace the Access Door; move the Safety Interlock against the Access Door; rotate the Light Trap anti-clockwise as far as it will go.

4. Move the counting knob to 37. Engage the Winding Crank and turn it until the Counting Knob moves to 0. This gives you your leader.

5. Now, holding in the bearing (7) with one hand, wind on with the other hand as many exposures as you need (up to 40) PLUS three exposures. You may use the visual Counting Knob or listen and count the clicks. In other words, if you wish to wind 36 exposures, turn the Winding Crank until the Counting Knob registers 39 (36-3). For 18 exposures go to 21 (18-3), etc.

(See note after next paragraph if loading Leica or Contax Cassettes.)

6. Close the Light Trap by rotating it clockwise to its stop; move the Safety Interlock away from the Access Door; remove Access Door; cut film apart and remove loaded cartridge.

NOTE: When loading Leica and Contax cassettes, open cassettes in the usual manner. Remove any old film end fragment. Slip the tongue end of the bulk film into the spool slot. Place the cassette in the right end of the case. Wind on bulk film as in preceding instructions. Turn Bearing and Key Knob to lock cassette. Three holes are provided in this Knob to accommodate the locking pin of the Leica N-3 type cassette.

These loaders have been revised to handle other cassettes, such as Nikon-Asahi, etc.

Capacity of Film Winder:
27.5', 55', or 100' lengths of Eastman, DuPont or Ansco Film. Also 100' metal spools.

To guard against accidental exposure of film left in the Loader, always turn the Light Trap to the Extreme clockwise position (closed) when not in use.

You should practice the loading procedure with some old film before actually using good film. One more word of caution: Clean the velvet light trap on your film cartridge occasionally; a small piece of grit or film might scratch the emulsion.

CAUTION!

Watson loaders should be cleaned and free from dust before starting to load cassettes. Clean film chamber often.

The Daylight Film Loader will pay for itself in a very short time. You can reload your film spools from bulk film and soon save your investment. The fact that you can do the reloading in daylight adds to the assurance of dust-free and scratchless negatives.

Ordinary masking tape is very satisfactory for fastening the film to the Cassette spindle. When attaching the film to the Cassette spindle, care should be taken to line up the film with the spindle. If this is not done, the film binds and buckles as it is rolled and unrolled.

Standard Cassettes cannot hold more than about 40 double-frame exposures plus leader when using generally available film emulsion.

When purchasing bulk film, be careful that the expiration date gives you enough time to use 30 rolls of film!

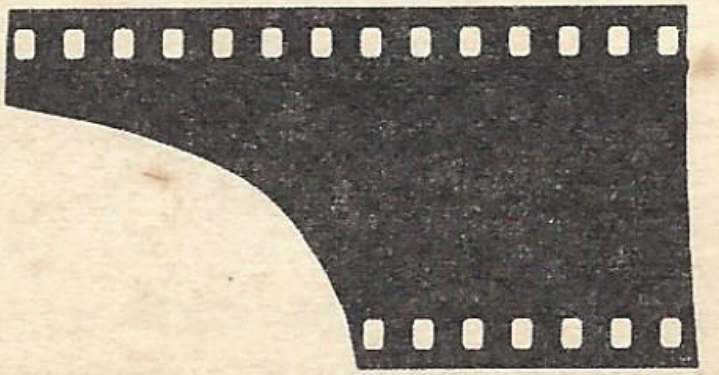
It is wise to develop your first roll of bulk loaded film rather soon, to be sure your loading technique is adequate.

Special attention should be paid to your Cassette -- the velvet light trap should be kept clean and in line (not warped). The new type Kodak Cassette

cannot be reloaded; however, Ansco, Adox, Agfa and other similar types can be reloaded. Special Cassettes designed for reloading are available also from Leica, Asahi, Canon, Nikon, Zeiss, Kodak and others. You may be able to obtain "retired" reloadable Cassettes from a local film processor.

If you have your film processed by a commercial lab, be sure to instruct them to return your Cassettes.

If you use the Bulk Loader infrequently, it is wise to put the loader in a plastic bag and place it in the refrigerator. Film emulsions, expecially color, last longer when this is done. However, freshly loaded film should be allowed to come to room temperature before using, so that condensed moisture will have an opportunity to dry. With many 35mm cameras, it is necessary to use film that has a leader cut into it. This may be easily done with a razor blade or scissors.



For daylight loading or unloading, a Burke & James Changing Bag is often handy to have along!